

LPMEOH™ Demonstration Plant Availability

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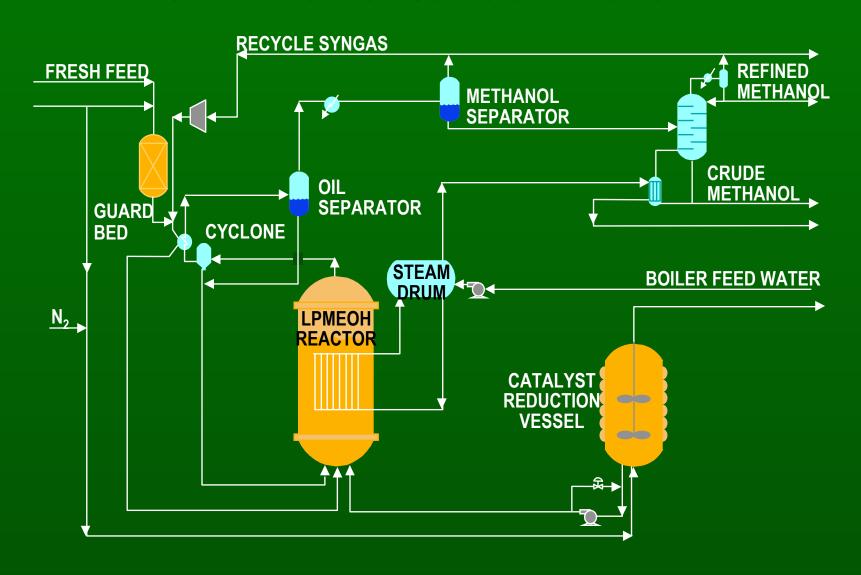


High Reliability Starts in Design

- Team approach, cooperation between APCI/Eastman Chemical Corporation/DOE
- Recognition of needed Reliability given Eastman current operations record
- Operations Involvement in the Design Process
- Deliberate use of Proven Components
- Minimized Usage of Rotating Equipment
- Cost Effective Redundancy
- Rigorous Owners Engineer Review
- Management of New Technology



LPMEOH™ Demonstration Plant PFD



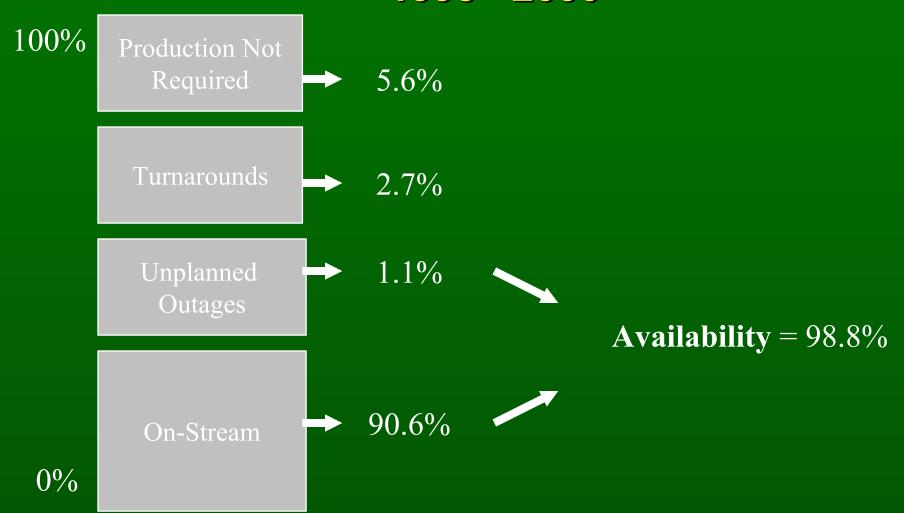


High Reliability Focus Continues throughout Construction and Start-Up

- Vendor Selection high on experience
- 15 month Construction Schedule
- 4 Months post-construction commissioning
- Remote and On-Site Supervision



LPMEOH™ Process Availability 1998 - 2000





LPMEOHTM Facility Performance Unplanned Outages Summary (Hours of Downtime by Cause)

Operating Year	1997	1998	1999	2000	2001
Total	324.7	26.4	19.6	240.6	4.7
Catalyst	149.3	0.0	0.0	0.0	0.0
Electrical	20.7	5.0	19.6	42.3	0.0
Instrum.	4.0	2.0	0.0	0.0	4.7
Mech.	150.7	19.4	0.0	198.3	0.0



Project Management Continues Focus

- Eastman Chemical Operations Department Builds upon its own strong record
 - Little APCI involvement Day to Day
 - Syngas delivery continues at very high reliability
- DOE continues to be supportive of reliability enhancements
- Basic research into reactor and process dynamics continues



In Conclusion

- LPMEOHTM Facility Continues to Demonstrate Superior Reliability
- Reliability is a Team Responsibility
 - Design Philosophy
 - Operations Input
 - Licensor Review Protocol
 - Technology/Procurement Decisions
- Reliability enhanced by Continuous Operations Improvement
- Operating Lessons now being incorporated into Future Designs.



On Behalf of the Team, Thank You!

